

WHAT IS CLAIMED IS:

1. An image display apparatus that includes a video display that displays an optical image based on an input signal, and a video signal adjusting device that adjusts a display setting of said video display based on a signal mode of said input signal, said image display apparatus comprising:

a determining device that causes said video display adjusting device to adjust the display setting of said video display when said input signal changes, said display setting of said video display including tracking information for the horizontal synchronization adjustment of said video display, said determining device including:

a signal change detector unit that detects the change in said input signal;

a signal mode memory device that stores a signal mode information used by said video display prior to change in said input signal, said signal mode information including said tracking information;

a comparator unit that retrieves said tracking information of said input signal subsequent to the change in said input signal, and compares said tracking information with tracking information of the display setting data stored in said signal mode memory device; and

a pre-change signal detector unit that determines a presence or absence of an input signal prior to the change in said input signal, wherein

when said pre-change signal detector unit determines an absence of an input signal prior to the signal change, said determining device determines whether to cause said video display adjusting device to adjust the display setting, based on a comparison result provided by said comparator unit.

2. The image display apparatus according to Claim 1, wherein when said comparator unit determines that said tracking information of said input signal subsequent to the change in said signal and said tracking information with tracking information of the display setting data stored in said signal mode memory device are different, said determining device causes said video display adjusting device to adjust the display setting.

3. The image display apparatus according to claim 1, wherein when said pre-change signal detector unit detects a presence of an input signal prior to the signal change, said determining device causes said video display adjusting device to adjust the display setting.

4. A method of displaying an image with an image display apparatus that includes a video display that displays an optical image based on an input signal, and a video signal adjusting device that adjusts a display setting of said video display based on a signal mode of said input signal, said image display apparatus comprising the steps of:

causing, with a determining device, said video display adjusting device to adjust the display setting of said video display when said input signal changes,

detecting, with a signal change detector unit, a change in said input signal;

storing, with a signal mode memory device, a signal mode information used by said video display prior to change in said input signal, said signal mode information including said tracking information, said display setting of said video display including tracking information for the horizontal synchronization adjustment of said video display; and

comparing, with a comparator unit that retrieves said tracking information of said input signal subsequent to the change in said signal, said tracking information with tracking information of the display setting data stored in said signal mode memory device; and

determining, with a pre-change signal detector unit of the determining device, a presence or absence of an input signal prior to the change in said input signal, wherein

said pre-change signal detector unit determines an absence of an input signal prior to the signal change, said determining device determines whether to cause said video display adjusting device to adjust the display setting, based on a comparison result provided by said comparator unit.

5. The method according to claim 4, wherein when said comparator unit determines that said tracking information of said input signal subsequent to the change in said signal and said tracking information with tracking information of the display setting data stored in said signal mode memory device are different, said determining device causes said video display adjusting device to adjust the display setting.

6. The method according to claim 4, wherein when said pre-change signal detector unit detects a presence of an input signal prior to the signal change, said determining device causes said video display adjusting device to adjust the display setting.

7. The image display apparatus according to claim 2, wherein when said pre-change signal detector unit detects a presence of an input signal prior to the signal change, said determining device causes said video display adjusting device to adjust the display setting.

8. The method according to claim 5, wherein when said pre-change signal detector unit detects a presence of an input signal prior to the signal change, said determining device causes said video display adjusting device to adjust the display setting.